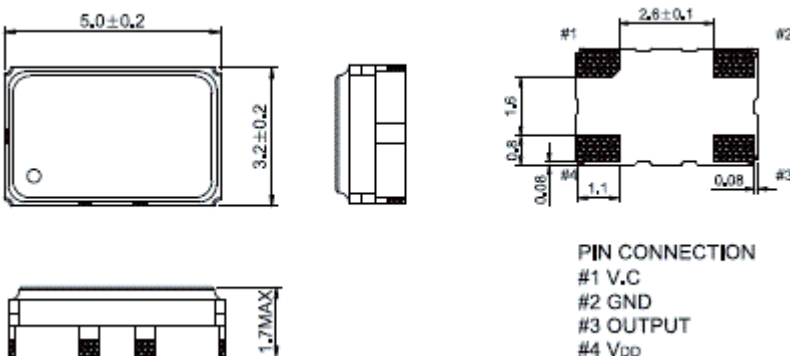


CT53 Series TCXO

5.0x3.2x1.7mm
Ceramic SMD
RoHS Compliant
Clipped Sine Wave
3.3VDC
12.000MHz to
26.000MHz
VC Option on Pin 1

Mechanical Dimensions

Dimensions are in millimeters. Dot indicates pin one location.



Electrical Specifications

Frequency Range	12.000MHz To 26.000MHz
Frequency Deviation	±5.0ppm Or ±10.0ppm minimum Over Control Voltage
Frequency Stability	Vs. Input Voltage (±5%) : ± 0.3ppm Max Vs. Load (±10%) : ± 0.3ppm Max
Supply Voltage	3.3VDC ± 5%
Output Voltage	0.8 Vp-p min. (V _{DD} : 3.3V _{DC})
Load Drive Capability	10kOhms / 10pF
Control Voltage (External)	±1.65V _{DC} (Positive Transfer Characteristic)
Aging	±1ppm Per Year Max

Part Numbering Guide

CT53 F 3 G 1 -25.000MHz-T

Series

CT53 TCVCXO

Tolerance / Stability

B = 1.0ppm
 C = 1.5ppm
 D = 2.0ppm
 E = 2.5ppm
 F = 5.0ppm

Operating Temperature Range

2 = -0° to 55°C 6 = -30°C to 85°C
 3 = -10°C to 60°C 7 = -40°C to 85°C
 4 = -20°C to 70°C

Not all temp ranges available with all stabilities

Packaging Options

Blank = Bulk
 T = Tape & Reel

Center Frequency

12.000MHz to 26.000MHz

Supply Voltage

H = 3.3VDC

Frequency Deviation

A = 10PPM
 B = 5PPM